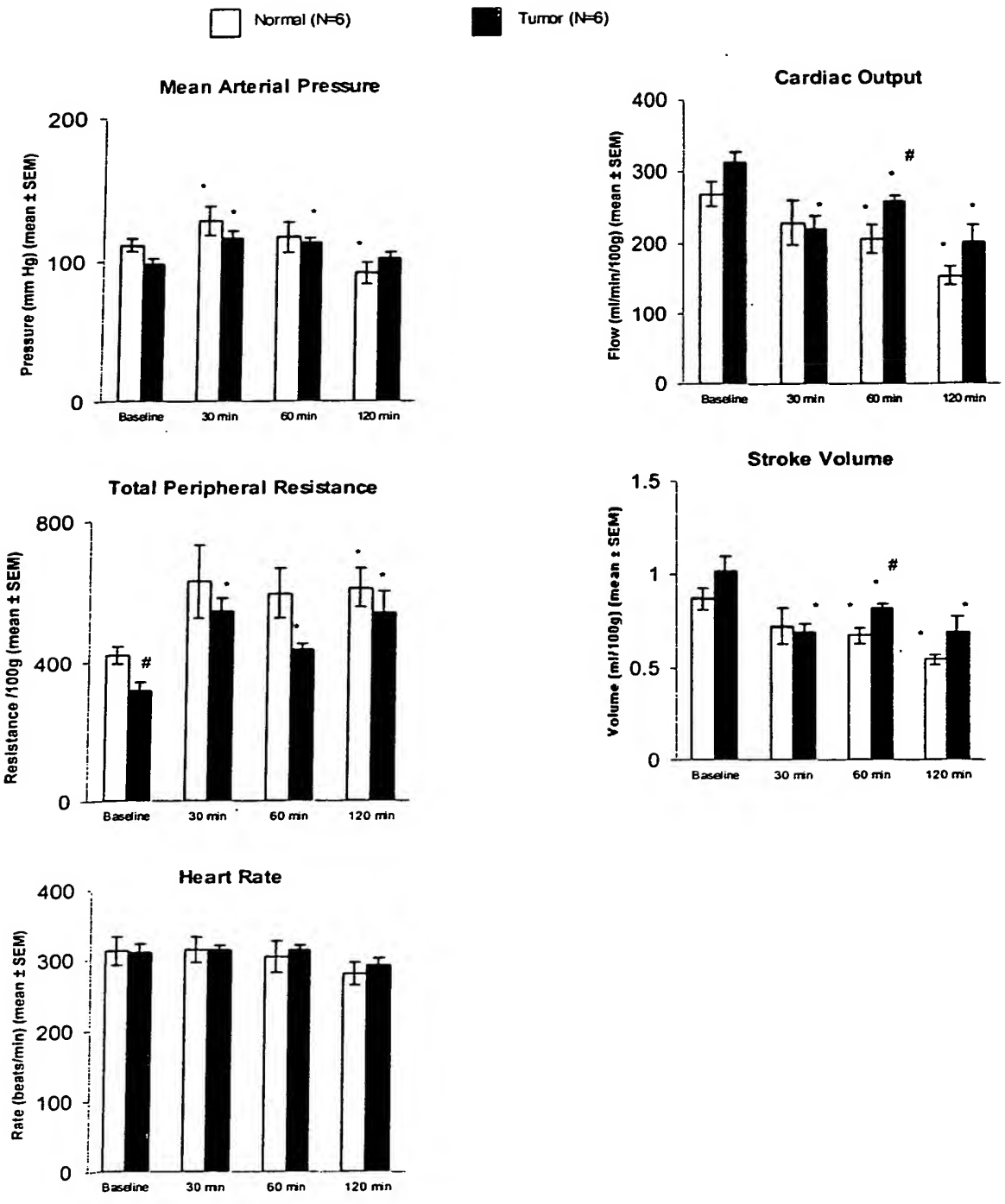
Normal (N=6)
Tumor (N=6)
Mean Arterial Pressure
Pressure (mm Hg) (mean ± SEM)
200
100
0
Baseline
30 min
60 min
120 min
Cardiac Output
Flow (ml/min/100g) (mean ± SEM)
400
300
200
100
0
#
Baseline
30 min
60 min
120 min
Total Peripheral Resistance
Resistance /100g (mean ± SEM)
800
400
0
#
Baseline
30 min
60 min
120 min
Stroke Volume
Volume (ml/100g) (mean ± SEM)
1.5
1
0.5
0
#
Baseline
30 min
60 min
120 min
Heart Rate
Rate (beats/min) (mean ± SEM)
400
300
200
100
0
Baseline
30 min
60 min
120 min

Figure 1.

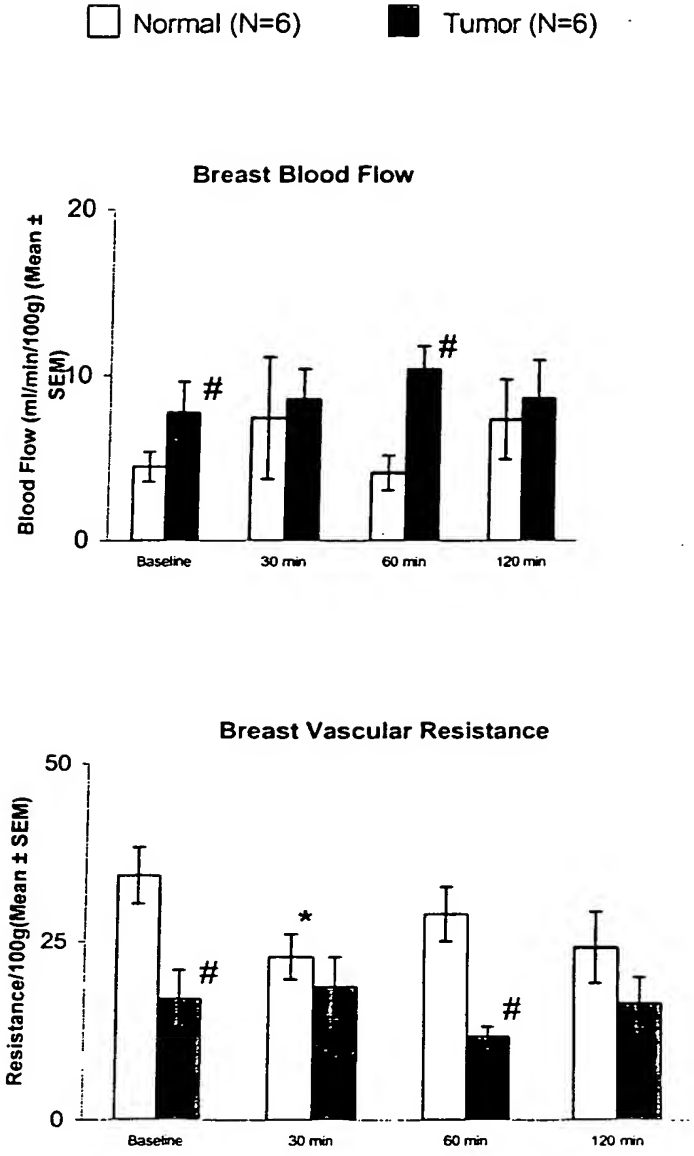
Normal (N=6)
Tumor (N=6)
Breast Blood Flow
Blood Flow (ml/min/100g) (Mean ± SEM)
20
10
0
#
#
Baseline
30 min
60 min
120 min
Breast Vascular Resistance
Resistance/100g(Mean ± SEM)
50
25
0
#
*
#
Baseline
30 min
60 min
120 min

Figure 2.

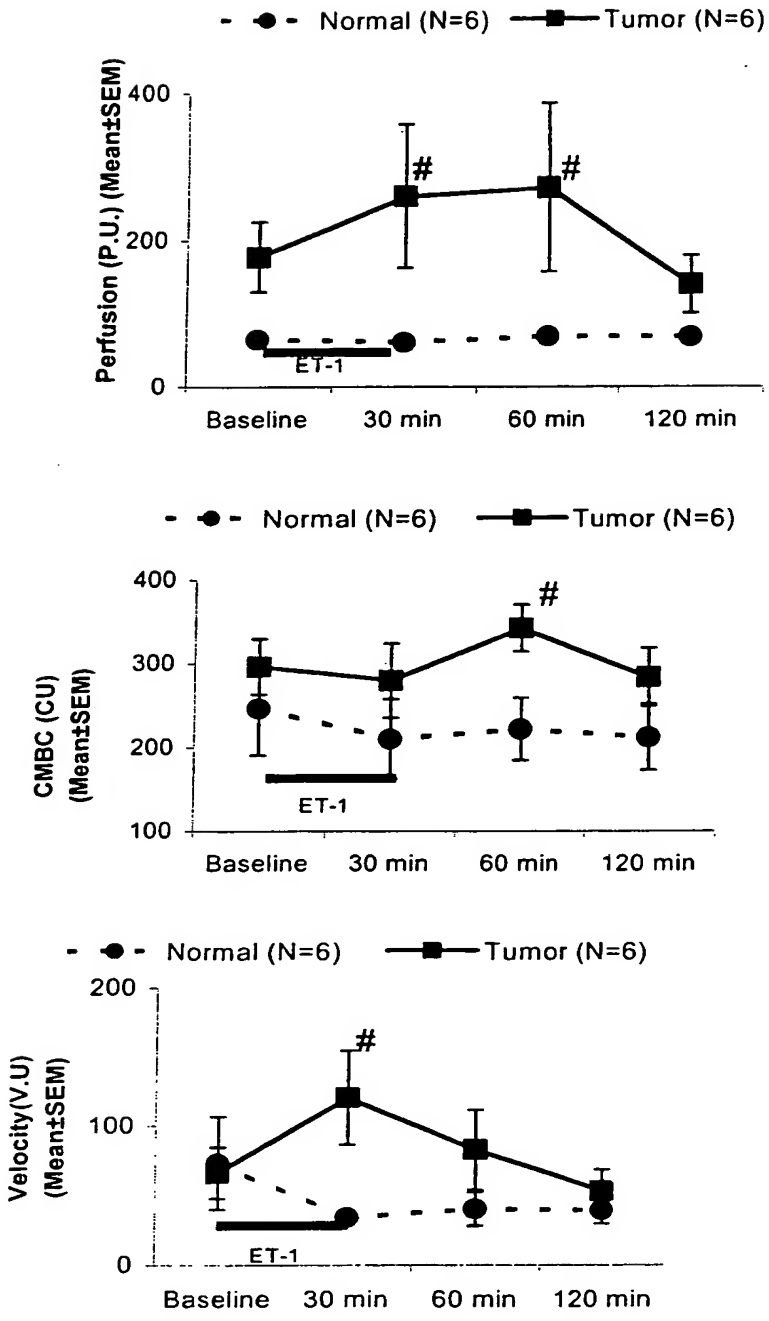
Normal (N=6)
Tumor (N=6)
Perfusion (P.U.) (Mean±SEM)
400
200
0
#
#
ET-1
Baseline
30 min
60 min
120 min
Normal (N=6)
Tumor (N=6)
CMBC (CU) (Mean±SEM)
400
300
200
100
#
ET-1
Baseline
30 min
60 min
120 min
Normal (N=6)
Tumor (N=6)
Velocity(V.U) (Mean±SEM)
200
100
0
#
ET-1
Baseline
30 min
60 min
120 min

Figure 3.

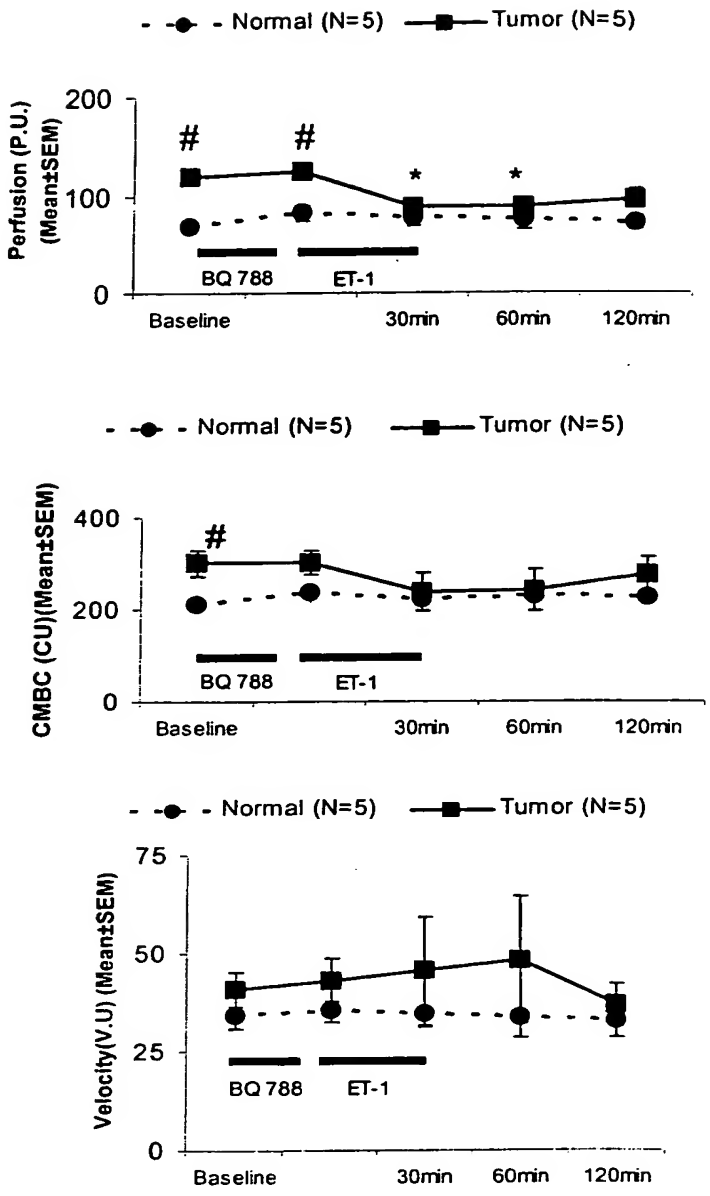
Normal (N=5)
Tumor (N=5)
Perfusion (P.U.) (Mean±SEM)
200
100
0
#
#
*
*
BQ 788
ET-1
Baseline
30min
60min
120min
Normal (N=5)
Tumor (N=5)
CMBC (CU)(Mean±SEM)
400
200
0
#
BQ 788
ET-1
Baseline
30min
60min
120min
Normal (N=5)
Tumor (N=5)
Velocity(V.U) (Mean±SEM)
75
50
25
0
BQ 788
ET-1
Baseline
30min
60min
120min

Figure 4.

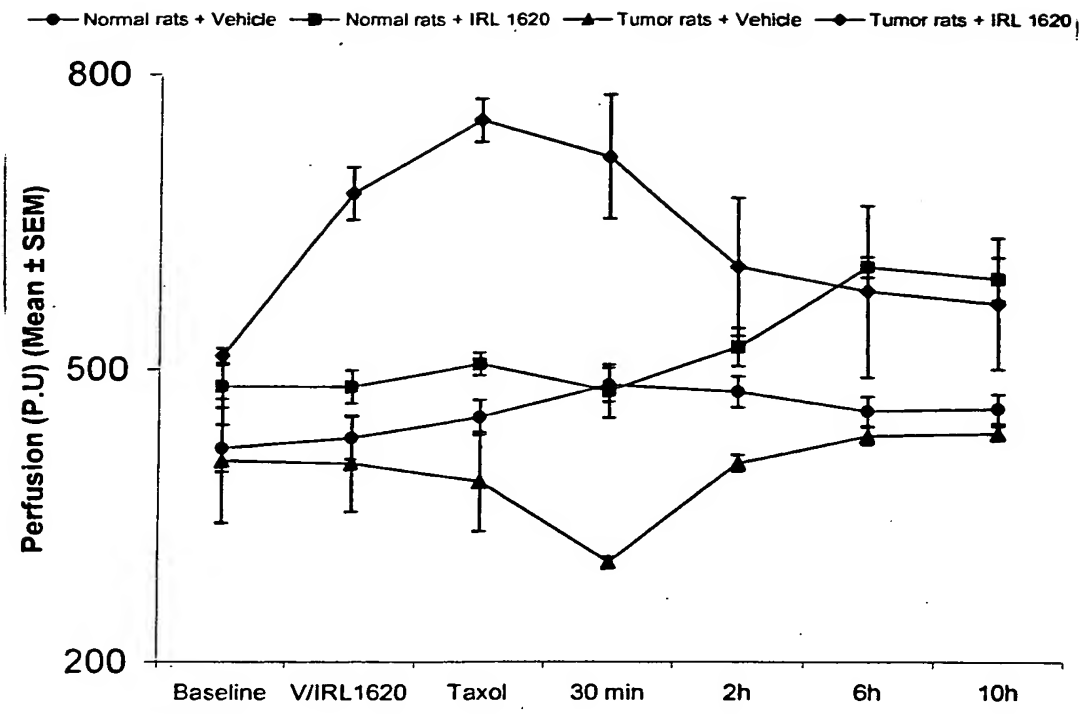
Normal rats + Vehicle
Normal rats + IRL 1620
Tumor rats + Vehicle
Tumor rats + IRL 1620
Perfusion (P.U) (Mean ± SEM)
800
500
200
Baseline
V/IRL1620
Taxol
30 min
2h
6h
10h

Figure 5.